

Ice Bank Storage

Last Issue Date: 23/01/2008		Type Of Service				
		A	B	C	D	E
Activity		A	B	C	D	E
1	Check condition and operation of refrigeration unit, especially for any undue noise or vibration.			Y	Y	
2	Check components and connections for any evidence of refrigerant leaks			Y	Y	
3	Check operation of crankcase heater.			Y	Y	
4	Check and record refrigerant operating pressures and temperatures.			Y	Y	
5	Check coils especially for cleanliness.				Y	
6	CONTROLS Check condition and operation of all controls including;- - thermostats and thermostat set points. - safety controls and devices.			Y	Y	
7	ELECTRICAL Check condition and operation of all components including:- - all safety devices. - all connections for security, tightness, contact and corrosion. - relays and contactors. - all overloads and circuit breakers. - all indicator lamps. Record compressor operating current draw and compare with rated output				Y	
8	ICE STORAGE TANK Check condition and operation of ice storage tank including:- - all connections especially for leaks. - for any signs of damage, deterioration or corrosion. - operation of ice storage meter. - calibration of ice storage meter. - glycol mixture level in ice tank. - coils for signs of leaks, damage, deterioration or corrosion. - agitator, if fitted.				Y	
9	Record all results in log book and report any problems to site Facility Manager.			Y	Y	

**Disclaimer** -This TDS is intended to provide guidance only to support Preventative Maintenance servicing activities. All TDS users are encouraged to read and understand the full [Conditions of Use](#) provided on the final page of this document and on the DPTI website.

For more information please contact the applicable Facilities Management Service Provider.



Government of South Australia  
Department of Planning,  
Transport and Infrastructure

Download Date: 04/11/2021

## Special Comments and Technical Data

---

\* ENSURE THAT WITH TANKS 100% FROZEN, THERE IS APPROXIMATELY 100MM OF WATER ABOVE THE SOLID ICE ON THE HEAT EXCHANGER AND THE WATER LEVEL SHOULD BE WITHIN 25MM OF THE BOTTOM OF THE TANK COVER.

\* IF TANK TOP-UP IS REQUIRED, REFER TO MANUFACTURER'S INSTRUCTIONS AVAILABLE FROM THE FACILITY MANAGER.

\* NOTE: FOR THE SARDI SITE THIS SERVICE TO BE PERFORMED AT THE BEGINNING OF THE DAY.

C SERVICE 6 MONTHLY

D SERVICE ANNUAL

**Disclaimer** -This TDS is intended to provide guidance only to support Preventative Maintenance servicing activities. All TDS users are encouraged to read and understand the full [Conditions of Use](#) provided on the final page of this document and on the DPTI website.

*For more information please contact the applicable Facilities Management Service Provider.*



**Government of South Australia**  
Department of Planning,  
Transport and Infrastructure

**Download Date:** 04/11/2021

2 of 3

# Conditions of Use

A TDS should be used as a generic guide for Facilities Management Service Providers (FMSP) to deliver Facilities Maintenance Services, specifically Preventative Maintenance in accordance with the DPTI [Agency Work Procedure Manual](#).

Users of a TDS should familiarise themselves with the following **Conditions of Use**:

1. You use the information and data contained in any TDS published by DPTI at your sole risk. DPTI-AGFMA does not have the expertise to provide complete or accurate technical data schedules and provides these technical data sheets merely as a starting point and/or guide.
2. If you rely on the information in a TDS you are responsible for ensuring, by independent verification, its accuracy, currency and completeness. DPTI cannot guarantee that the information contained in a TDS meets the standards or requirements of legislative requirements.
3. A TDS is not an exhaustive list of tasks or obligations that may be required and is generally generic in nature. DPTI does not oblige the user of a TDS to rely on it to the exclusion of other sources of information. For example, manufacturer's requirements may need to be followed for additional and / or alternative tasks and for additional and / or alternative servicing frequencies. You should always check the primary source of information such as the Australian Standards, manufacturer's specifications, legislation and other standards before undertaking any work to which a schedule may apply.
4. You must apply appropriate risk management principles and carry out all tasks in accordance with obligations under the [Work Health and Safety Act 2012](#).
5. You must not use a TDS unless you meet the specific competency requirements for preventative maintenance servicing works and are capable of applying the TDS to your trade or area of expertise. A TDS is only to be used by people who are specifically instructed by DPTI to use them and only for work undertaken in South Australia.
6. DPTI, its agents, instrumentalities, officers and employees make no representations, express or implied, as to the accuracy of the information, the data contained in a TDS or the suitability of a TDS for a particular purpose.
7. DPTI does not provide legal advice. DPTI accepts no liability, howsoever arising, for any loss resulting from the use of a TDS and any information or data or reliance placed on them.
8. DPTI may change information and data in a TDS without notice.
9. DPTI may revise this disclaimer at any time by updating these Conditions of Use.